



5000S

OWNER'S MANUAL

Welcome to the Westec family of security — the leader in residential security systems. Your system is designed specifically for you and your family and incorporates the latest technologies. Its simple-to-operate features provide you with round-the-clock protection and peace of mind.

USER'S INFORMATION:

Owner's Access Code: _____
Sales Consultant's Name: _____ Phone #: _____
Special Instructions: _____

EMERGENCY TELEPHONE NUMBERS:

Communication Center: _____
Fire Department: _____
Police Department: _____
Doctor: _____
Neighbors: _____
Family: _____

Exit/Entry Delay Time: _____



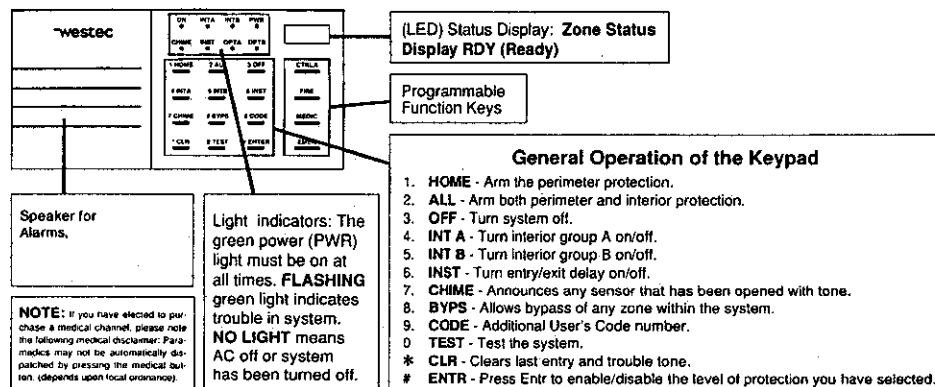
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To clean Computer Access Terminals: Use soft dry cloth. Avoid using a liquid cleaner which can damage the terminal components.

Section 1. General Operations of the Computer Access Terminal (CAT).



*Optional

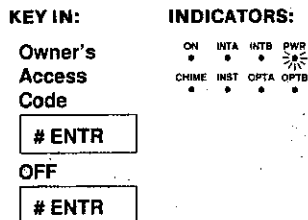


Fig. 2A

Section 2A. How to Reset Your System After Activation

In the event that your Westec system is activated accidentally, you can immediately reset the alarm by keying in your **Owner's Access Code**, **# ENTR** and pressing the **3 OFF** and **# ENTR** at the nearest Computer Access Terminal. Refer to Fig. 2A.

Section 2B. Warning Indicators

- A loud, audible warning will be heard throughout the home. There are distinct separate warning sounds for Emergency, Fire, Medical and Trouble in the system. (Fire and Medical are optional reporting signals.)
- Simultaneously, the system contacts the Communication Center and immediately reports your location and the nature of the alarm.
- The alarm condition will also be displayed on your LED Computer Access Terminals.

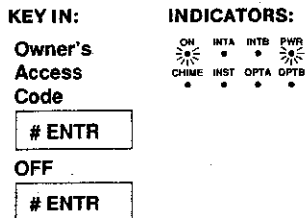


Fig. 2C

Section 2C. How to Arm Your Level of Protection

BEFORE ARMING YOUR SYSTEM, check to see that the green PWR light is on.

- Flashing green PWR light indicates system trouble. (See Troubleshooting, Section 5.) No light indicates AC off or system has been turned off.
- Make sure all windows and doors are properly closed, with no objects blocking interior protective devices (e.g., chair on mat, plant in front of beam).

- If there is any zone in the system *not* closed securely (e.g. door, window) a readout on the LED will warn which zones are open. (The **RD.Y** (ready) light will not be displayed on the LED Computer Access Terminal.)
- You can arm your system on/off from any Computer Access Terminal.
- As stated on the previous page, in the event that your Westec system is activated accidentally, it is important to reset the alarm as soon as possible by entering your **Owner's Access Code**, **# ENTR** and pressing the **3 OFF** and **# ENTR** at the nearest Computer Access Terminal. Refer to Fig 2C.
- Entry/Exit Delay - Your security system allows you a certain number of seconds (programmed at time of installation) to set the system on and off when leaving or entering the home. When entering the home, a low level tone will announce you have a specified number of seconds to arm/disarm the system. The red ON light will blink to advise you to enter the home and disarm the system. If the system is not disarmed within the prescribed time, it will go into alarm condition.
- When leaving the home reverse the above procedure. No exit tone will be heard at this time. This will not arm the system.

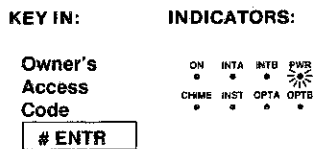


Fig. 3

OPERATING YOUR LEVELS OF PROTECTION:

Prior to selecting your levels of protection, key in your **Owner's Access Code**. After you have keyed in the number, press the **# ENTR** key so that you can start selecting the levels of protection you need. **RD.Y** will now be displayed.*

Refer to Fig. 3

* **RD.Y** indicator light shows that the system is ready for owner's command.

KEY IN:

INDICATORS:

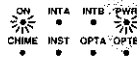
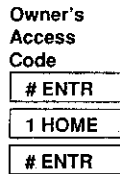


Fig. 4

1•HOME - This feature allows the exterior protection to be turned on while interior protection remains OFF. To turn the exterior protection on, press **1 HOME** and **# ENTR**. This will arm all the assigned exterior areas (i.e., doors, windows) and turn your interior protective devices off. This level of protection allows free movement inside your home. Refer to Fig. 4

Note: The red ON light will be on.

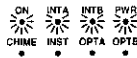
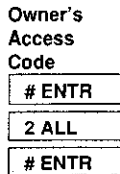


Fig. 5

2•ALL - This feature turns assigned areas ON. If interiors are off, they will be automatically turned on. To turn both exterior and interior protective devices on, press **2 ALL** and **# ENTR**. If the interior protective devices are off, the system will automatically turn them on. The red ON light and INT A, INT B (optional) indicators will turn on (if selected). Refer to Fig. 5

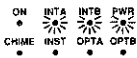
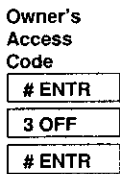


Fig. 6

3•OFF - To turn your exterior and interior levels of protection system from ON (armed) to OFF (disarmed), press **3 OFF** and **# ENTR**. Refer to Fig. 6

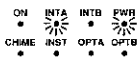
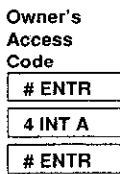


Fig. 7

4•INT A - With your exterior protection ON, you can add your interior A protection after setting your security system to the armed mode. Key in **4 INT A**, then **# ENTR**. The yellow INT A light will turn on. To turn off the interior A protection repeat the sequence as above. This feature allows you to have your interior protection on automatically when the exterior protection is on. The interior protection includes doors, mats, passive infrared detectors (PIRs), etc. Refer to Fig. 7

Note: Interior Protection is programmed into system, but does not become active until you activate the exterior protection.

5•INT B - Same procedure as INT A.

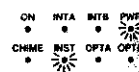
KEY IN:

Owner's
Access
Code

- # ENTR
- 6 INST
- # ENTR

Fig. 8

INDICATORS:



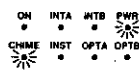
6•INST - Your security system allows a certain number of seconds (programmed at time of installation) to arm the system when leaving or entering the home. To turn the entry delay off, when your family is at home, so that any intrusion at the protected areas will activate the alarm instantly, press **6 INST**, then **# ENTR**. The INST light will come on. To turn off INST, repeat the sequence. your security system will not turn on/off the exit delay. Refer to Fig. 8

Note: Your exit delay is always on.

Owner's
Access
Code

- # ENTR
- 7 CHIME
- # ENTR

Fig. 9

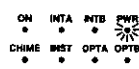


7•CHIME - This feature allows you to monitor the opening of any protected zone while the system is off (disarmed). To turn on/off the chime feature while the system is in the OFF (disarm) mode, press **7 CHIME**, then **# ENTR**. The system will alert you by a "beeping" sound from the speaker. Refer to Fig. 9

Owner's
Access
Code

- # ENTR

Fig. 10

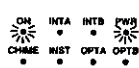


8•BYPS - This feature allows you to remove any protected zone from the system. The open protected areas will be reported on the LED display. There are two methods of selecting your bypass function. Refer to Fig. 10

FIRST METHOD

- 1 HOME
- OR
- 2 ALL
- THEN
- 8 BYPS
- # ENTR

Fig. 11



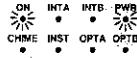
The first method allows you to bypass any open protective device automatically. You can either press **1 HOME** or **2 ALL** keys, and press **8 BYPS** and then **# ENTR**. Refer to Fig. 11

NOTE: CAUTION - When using the bypass feature, be aware that any open zone will automatically be bypassed and remain bypassed until manually reset.

KEY IN: INDICATORS:

SECOND METHOD

Owner's
Access
Code
ENTR
8 BYPS
protective
device
ENTR

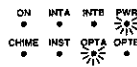


The second method allows you to bypass a selected zone(s). You can also bypass protected zones that have been assigned with the chime feature. System must be armed first. Press **8 BYPS**, then the number of the protected zone you wish to bypass, and press **# ENTR**. To bypass additional protected zones, enter these zones and press **# ENTR**. After all desired bypass zones are bypassed, press the **# ENTR** key to complete the function. These protected zones will remain bypassed until you manually reset the security system. When the system is turned off/on, you have eliminated this automatic bypass.

Fig. 12

Refer to Fig. 12

Owner's
Access
Code
ENTR
9 CODE
ENTR



9•CODE - This feature allows you to program a temporary Access Code for your relatives, friends or workers or anyone you have authorized to have access to your property.

Refer to Fig. 13

Fig. 13

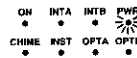
Owner's
Access
Code
ENTR
9 CODE
New
Access
Code
ENTR

To change your Temporary Access Code, press **9 CODE**, then key in the new temporary **Access Code** and press **# ENTR**. Note: Temporary access code can be any combination of numbers 0 through 9, with a minimum of 2 digits and a maximum of 9.

Refer to Fig. 14

Fig. 14

Owner's
Access
Code
ENTR
* CLR
ENTR



***•CLR** - To clear a combination or function that was entered incorrectly, press ***CLR**. You can also stop the trouble sound and reset trouble by pressing *** CLR**.

Refer to Fig. 15

Fig. 15

KEY IN:**INDICATORS:**

Owner's
Access
Code

ENTR

0 TEST

ENTR

ON INTA INTB INT
CHIME INST OPTA OPTB

Fig. 16

0•TEST - To assure that your system is working properly, it should be tested on a regular basis. Westec recommends that you test your system once every week. Before you start the test, make sure your system is in the OFF mode. Press **0 TEST**, then **# ENTR**. The system will immediately cycle through all the alarms, including testing the battery, to assure that all reporting functions are working properly and reporting to the Communication Center. You can also test individual protected zones (e.g. open window, door) and you will hear a "beeping" sound to advise you that the protective zone is working properly. The system will automatically turn off after the test, or you can stop the test at any time during the test sequence by pressing your **Owner's Access Code**, **# ENTR**, then **0•TEST**, then **# ENTR**. After completion of the test cycle, you should receive a call back from the Communication Center. If you do not receive a call back in a reasonable amount of time, call your Westec Communication Center.

Refer to Fig. 16

#•ENTR - After you have keyed in your **Owner's Access Code** or after each feature is selected (0-9), press **# ENTR**. You can also use this for the QUICK FUNCTION feature.

Quick Function allows you to operate functions with as few strokes as possible. Press the appropriate key. Select either **1 HOME**, **2 ALL**, **4 INTA**, or **5 INTB** until you hear a second beep, then press **# ENTR**. The quick function allows you to turn the function on (will not turn function off).

Section 3. Description and Operation of Optional Modules

* **Outside Access Terminal (OAT)** - The Outside Access Terminal allows you to determine the status of your home when entering or leaving. It is designed for outside mounting and is unique to Westec.

* **Direct Voice Command™** - This feature allows the Communication Center to listen-in to your premises *only* when the system is activated by an alarm.

Duress - Sends a silent signal to the Communication Center and activates Direct Voice Command.

Section 4. Computer Processing Unit (CPU)

COMPUTER PROCESSING UNIT - The Computer Processing Unit (Blue Metal Box) is the heart of the system. It accepts all of the signals reporting from each part of your home, automatically interprets, simultaneously warns you, and notifies the Communication Center of the nature of the problem. The highly reliable and accurate Continuous State Circuit Analyzer continuously monitors the integrity of your protection devices. It provides 24-hour electronic protection to detect and report:

- Burglary or intrusion
- Emergencies
- Other optional reporting such as Fire, Medical and Programmable Functions
- Test
- Low Battery
- Trouble in the Circuitry

You will seldom need to use the Computer Processing Unit. For your protection, there is a locked access door and, in addition, a hidden tamper switch* is provided to prevent any unauthorized person from gaining entry into your Computer Processing Unit. Your Computer Processing Unit includes a battery that provides a minimum four hours of power backup and is rechargeable when your AC power is restored.

*Optional

Section 5. Troubleshooting

1. IF SYSTEM WILL NOT ARM:

Check to see that the green PWR light is on. Flashing green PWR light indicates system trouble. No light indicates AC off or system has been turned off. Make sure all windows and doors are properly closed, with no objects blocking interior protective devices (e.g., chair on mat, plant in front of beam). If there is any zone in the system *not* closed securely (e.g. door, window) a readout on the LED will warn which zones are open. (The **RD.Y** (ready) light will not be displayed on the LED Computer Access Terminal.)

KEY IN:

Owner's
Access
Code

ENTR

OFF

ENTR

INDICATORS:

ON NTA INTB PWR
CHIME INST OPTA OPTB

Fig. 17

2. IF FIRE ALARM ACTIVATES:

In the event there is no actual fire, confirm which smoke detector has activated then enter your **Owner's Access Code** and press **# ENTR** then **3 OFF** button and then **# ENTR** again and the alarm will silence. Have your smoke detectors cleaned regularly about every 6-12 months. Call your local Westec Service Department.

Refer to Fig. 17

3. TROUBLE ALARM:

To silence any trouble sound, press the "Clear" key on your LED CAT. *** CLR**. To clear a combination or function that was entered incorrectly, press *** CLR**. You can also stop the trouble sound and reset trouble by pressing *** CLR**.

Refer to Fig. 18

Owner's
Access
Code

* CLR

ENTR

ON NTA INTB PWR
CHIME INST OPTA OPTB

Fig. 18

Section 6. Fire

We recommend at least one smoke detector should be located near, but outside of each sleeping area to meet the minimum requirements of the NFPA Standard for Household Fire Warning Equipment (NFPA 74-974). When a fire system is installed in your home, your local fire authorities should be notified.

The following table lists various levels of protection as specified by the National Fire Protection Association:

WHERE TO BE INSTALLED			
<u>LEVEL</u>	<u>EQUIPMENT</u>	<u>SMOKE</u>	<u>SMOKE OR HEAT DETECTORS</u>
1	One or more smoke detectors plus additional smoke or heat detectors.	Each separate sleeping area and at head of each basement stairway.	All other major areas and rooms including basement.
2	One or more smoke detectors plus additional heat or smoke detectors.	Each separate sleeping area.	Basement, kitchen, living room, bedrooms, attic, furnace (utility) rooms.
3	One or more smoke detectors plus additional smoke detectors.	Each separate sleeping area.	Basement, kitchen, living room, bedrooms, furnace (utility) rooms.
4	One or more smoke detectors.	Each separate sleeping area and at head of each stairway to occupied areas.	Not applicable.

Fire Alarm

When a Fire Alarm is Triggered: The fire alarm system is active 24 hours a day. Once connected, it is always in operation as long as power is available. Once an alarm has sounded, follow your emergency evacuation plan.

The alarm sound for a fire alarm is distinctly different from the burglary alarm sound.

Establish an Emergency Evacuation Plan: If a fire starts, each member of the family must know exactly what to do. Advise your family of these steps to establish an evacuation plan.

- Survey all bedrooms and make certain that two escape routes are available for every family member. A ground floor window or a window opening onto a roof is a satisfactory second escape. Make sure the window opens easily and is easy to get through. If necessary, consider installing an escape ladder, cutting a door into an adjoining room or making other adjustments to make a second escape route available to everyone.
- Make a simple drawing of each room, indicating the escape plan to be followed.
- Explain the plan to each member of the family. Make certain that even very young children understand it.
- Conduct fire drills for the whole family.

NOTE: In the event there is no actual fire, entering your Owner's Access Code and pressing # ENTR then 3 OFF button and then # ENTR again will silence the alarm.

Each warning fire detection is best achieved by the installation of fire detection equipment in all rooms and areas of the household as follows:

A smoke detector installed in each separate sleeping area (the vicinity of, but outside of the bedrooms), and Heat or Smoke Detectors in living rooms, dining rooms, bedrooms, kitchens, hallways, attics, furnace rooms, closets, utility and storage rooms, basements and attached garages.

For additional information you may contact one of the following agencies:

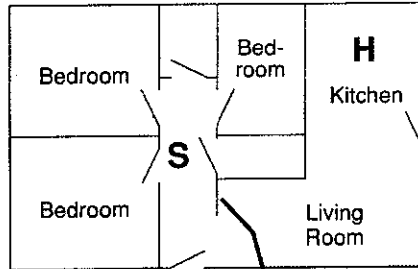
National Fire Protection Association
 Batterymarch Park
 Quincy, MA 02269

California State Fire Marshal
 7171 Bowling Drive, Suite 800
 Sacramento, CA 95823

Typical Installation Plan:

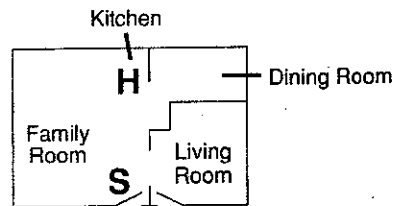
Legend: (S) Smoke Detector (H) Heat Detector

Note: If hallways exceed 20 feet, multiple smoke detectors are necessary.

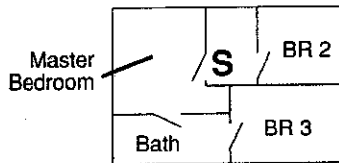


**Single Story
 Typical Installation**

CENTRAL PROCESSING UNIT



**Two-Story
 Typical Installation**



Section 7. Glossary

All	Allows arming of perimeter and interior.
Arm (on) Disarm (off)	Arm turns the system on. Disarm turns the system off.
Bypass	Allows the system to remove any protected devices.
Chime	Tells that a protective device has been opened with a beep or voice.
Code	Permits additional Access Code to be used.
Clear	Clears the last entry from the computer.
Communication Center	A facility where Westec monitors your system 24 hours a day and dispatches proper authorities during alarm conditions.
Computer Access Terminal (CAT)	Allows you to change your level of protection as needed.
Enter	Permits enabling, disabling of the feature you have selected.
Entry/Exit Delay	A predetermined amount of time allowed by the system to arm or disarm upon entering or leaving the home.
Home	Allows arming of the perimeter of the system.
Int A	Allows interior groups (A) inside the home to be turned on/off.
Int B	Allows interior groups (B) inside the home to be turned on/off.
Interior Protection	Protective devices inside the home, such as mats, passive infrared detectors, etc.
Inst	Allows you to turn the entry/exit delay on/off.
Perimeter (exterior) Protection	Allows you to turn on selected exterior openings.
Quick Arm Function	Allows a specific function to be turned on without entering an access code.
Test	Checks to see that system is operating properly.
Zone	A designated single or multiple protective device.
24 Hour Zone	An area that is always armed (on). For example, fire, emergency, medical or special.

Section 8. FCC Notice/Warranty

DOC NOTICE

- 1) **"NOTICE:** The Canadian Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The Department does not guarantee the equipment will operate to the user's satisfaction.

"Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

"Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

"Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate."
- 2) **"The Load Number (LN)** assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the load numbers of all the devices does not exceed 100."
- 3) **"This digital apparatus does not exceed the Class A/Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications."**

FCC NOTICE

NOTE: This equipment has been tested and found to comply with the limits for Class A/B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult your Westec Representative or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by Westec Security, Inc. can void the user's authority to operate the equipment.

- This equipment complies with Part 68 of the FCC rules. On the cover of this equipment is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.
- This equipment uses the following USOC jack: RJ31X

- The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive REN's on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the REN's should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total REN's, contact the telephone company to determine the maximum REN for the calling area.

- If this equipment causes harm to the telephone network, the telephone company will notify you in advance. If advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

- The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.

- If trouble is experienced with this equipment, please contact your local Westec Company for repair and/or warranty information. If the trouble is causing harm to the telephone network, the telephone company may request you remove the equipment from the network until the problem is resolved.

- This equipment cannot be used on telephone company-provided coin service. Connection to Party Line Service is subject to state tariffs.

LIMITED WARRANTY

Westec Security, Inc. warrants that the products of its manufacture shall be free from defects in materials or workmanship for one year from the date of installation if such goods have been properly installed and subject to normal use.

Westec Security, Inc. shall not under any circumstances be liable for any incidental or consequential damages arising from loss of property or other damage or losses owing to the failure of Westec Security, Inc. beyond the cost of repair or replacement of any defective products.

Westec Security, Inc. makes no warranty of fitness or merchantability and no other warranty oral or written, expressed or implied, beyond the one year warranty expressly specified herein.



westec
SECURITY PRODUCTS, INC.
8 VANDERBILT
IRVINE, CA 92718

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